

IN THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.
(Please note that in the case of genus and species names, underlining does not indicate added material. The names were underlined in the original claims.)

Listing of Claims

1 - 18. (canceled)

19. (Currently amended) ~~A An isolated DNA comprising the eight DNAs respectively selected from the eight groups as defined by each of claims 11 to 18 one DNA selected from each of the following eight groups:~~

Group 1 consisting of a DNA of the following DNAs 1(a) and 1(b):

1(a): a DNA having the nucleotide sequence represented by SEQ ID NO: 9;
and

1(b) a DNA hybridizing with the DNA of 1(a) under stringent conditions and encoding a protein exerting F₀F₁-ATPase activity when the protein forms a complex with all of the individual proteins having the amino acid sequences represented by each of SEQ ID NOS: 2 to 8;

Group 2 consisting of the following DNAs 2(a) and 2(b):

2(a): a DNA having the nucleotide sequence represented by SEQ ID NO: 10;
and

2(b): a DNA hybridizing with the DNA of 2(a) under stringent conditions and encoding a protein exerting F₀F₁-ATPase activity when the protein forms a complex

with all of the individual proteins having the amino acid sequences represented by each of SEQ ID NO: 1 and SEQ ID NOS: 3 to 8;

Group 3 consisting of the following DNAs 3(a) and 3(b):

3(a): a DNA having the nucleotide sequence represented by SEQ ID NO: 11;
and

3(b): a DNA hybridizing with the DNA of 3(a) under stringent conditions and encoding a protein exerting F₀F₁-ATPase activity when the protein forms a complex with all of the individual proteins having the amino acid sequences represented by each of SEQ ID NOS: 1 to 2 and SEQ ID NOS: 4 to 8;

Group 4 consisting of the following DNAs 4(a) and 4(b):

4(a): a DNA having the nucleotide sequence represented by SEQ ID NO:12;
and

4(b): a DNA hybridizing with the DNA of 4(a) under stringent conditions and encoding a protein exerting F₀F₁-ATPase activity when the protein forms a complex with all of the individual proteins having the individual amino acid sequences represented by each of SEQ ID NOS: 1 to 3 and SEQ ID NOS: 5 to 8;

Group 5 consisting of the following DNAs 5(a) and 5(b):

5(a): a DNA having the nucleotide sequence represented by SEQ ID NO:13;
and

5(b): a DNA hybridizing with the DNA of 5(a) under stringent conditions and encoding a protein exerting the F₀F₁-ATPase activity when the protein forms a complex with all the individual proteins having the amino acid sequences represented by each of SEQ ID NOS: 1 to 4 and SEQ ID NOS: 6 to 8;

Group 6 consisting of the following DNAs 6(a) and 6(b):

6(a): a DNA having the nucleotide sequence represented by SEQ ID NO: 14;
and

6(b): a DNA hybridizing with the DNA of 6(a) under stringent conditions and
encoding a protein exerting F₀F₁-ATPase activity when the protein forms a complex
with all of the individual proteins having the amino acid sequences represented by
each of SEQ ID NOS: 1 to 5 and SEQ ID NOS: 7 and 8;

Group 7 consisting of the following DNAs 7(a) and 7(b):

7(a): a DNA having the nucleotide sequence represented by SEQ ID NO:15;
and

7(b): a DNA hybridizing with the DNA of 7(a) under stringent conditions and
encoding a protein exerting F₀F₁-ATPase activity when the protein forms a complex
with all of the individual proteins having the amino acid sequences represented by
each of SEQ ID NOS: 1 to 6 and SEQ ID NO: 8; and

Group 8 consisting of the following DNAs 8(a) and 8(b):

8(a): a DNA having the nucleotide sequence represented by SEQ ID NO: 16;
and

8(b): a DNA hybridizing with the DNA of 8(a) under stringent conditions and
encoding a protein exerting F₀F₁-ATPase activity when the protein forms a complex
with all of the individual proteins having the amino acid sequences represented by
each of SEQ ID NOS: 1 to 7.

20. (currently amended) A An isolated DNA having the nucleotide sequences
represented by SEQ ID NOS: 9 to 16.

21. (currently amended) A An isolated DNA having the nucleotide sequence represented by SEQ ID NO: 21.

22. (currently amended) The DNA according to ~~any one of claims 10 to 21~~ claim 19, where the DNA is derived from a microorganism belonging to the genus Corynebacterium.

23. (currently amended) The DNA according to ~~any one of claims 10 to 21~~ claim 19, where the DNA is derived from a microorganism of the species Corynebacterium ammoniagenes.

24. (canceled)

25. (currently amended) A recombinant DNA constructed by inserting the DNA according to ~~any one of claims 10 to 21~~ Claim 19 into a vector.

26. (currently amended) A transformant obtained by transformation of a host cell with the recombinant DNA according to claim 24 or 25.

27. (original) A transformant according to claim 26, where the host cell is a microorganism of the species Escherichia coli, Corynebacterium glutamicum or Corynebacterium ammoniagenes.

28. (canceled)

29. (original) A method for producing a protein complex having the F_0F_1 -ATPase activity, which comprises culturing a transformant obtained by transformation of a host cell with the recombinant DNA according to claim 25 in a culture medium, so as to allow a protein complex having the F_0F_1 -ATPase activity to be expressed and accumulated in the culture and recovering the protein complex from the culture.

30 - 32. (canceled)

33. (new) A recombinant DNA constructed by inserting the DNA according to Claim 20 into a vector.

34. (new) A recombinant DNA constructed by inserting the DNA according to Claim 21 into a vector.

35. (new) A transformant obtained by transformation of a host cell with the recombinant DNA according to claim 33.

36. (new) A transformant obtained by transformation of a host cell with the recombinant DNA according to claim 34.

37. (new) A method for producing a protein complex having the F_0F_1 -ATPase activity, which comprises culturing a transformant obtained by transformation of a host cell with the recombinant DNA according to claim 33 in a culture medium, so as

to allow a protein complex having the F₀F₁-ATPase activity to be expressed and accumulated in the culture and recovering the protein complex from the culture.

38. (new) A method for producing a protein complex having the F₀F₁-ATPase activity, which comprises culturing a transformant obtained by transformation of a host cell with the recombinant DNA according to claim 34 in a culture medium, so as to allow a protein complex having the F₀F₁-ATPase activity to be expressed and accumulated in the culture and recovering the protein complex from the culture.